

Title (en)

1-PHENYL-2-PHENYLETHANE DERIVATIVE

Title (de)

1-PHENYL-2-PHENYLETHANDERIVAT

Title (fr)

DÉRIVÉ DE 1-PHÉNYL-2-PHÉNYLÉTHANE

Publication

EP 3872061 A4 20220727 (EN)

Application

EP 19876611 A 20191023

Priority

- JP 2018199549 A 20181023
- JP 2019041506 W 20191023

Abstract (en)

[origin: EP3872061A1] Provided is a novel compound having a selective activating effect on ER β . The present invention provides a compound represented by the following formula (1) wherein R¹ represents a cycloalkyl group having 3 to 8 carbon atoms, an alkenyl group having 2 to 6 carbon atoms and optionally substituted with a halogen atom, a 5-membered nitrogen-containing heteroaryl group, a 4- to 6-membered cyclic amino group, an alkanoylamino group having 2 to 6 carbon atoms and optionally substituted with a halogen atom, a 1-trifluoromethyl-1-hydroxymethyl group, or a 1-methylpropyl group; R² to R⁵ are the same or different and each represent a hydrogen atom or a fluorine atom; and R⁶ represents a hydrogen atom or an alkanoyl group having 2 to 5 carbon atoms, or a salt thereof.

IPC 8 full level

C07C 39/16 (2006.01); **A61K 31/05** (2006.01); **A61K 31/165** (2006.01); **A61K 31/222** (2006.01); **A61K 31/397** (2006.01); **A61K 31/415** (2006.01); **A61K 31/4196** (2006.01); **A61K 31/421** (2006.01); **A61K 31/4245** (2006.01); **A61P 13/08** (2006.01); **A61P 17/08** (2006.01); **A61P 17/10** (2006.01); **C07C 39/17** (2006.01); **C07C 39/21** (2006.01); **C07C 39/367** (2006.01); **C07C 39/373** (2006.01); **C07C 69/63** (2006.01); **C07C 233/18** (2006.01); **C07D 231/12** (2006.01); **C07D 249/08** (2006.01); **C07D 263/32** (2006.01)

CPC (source: EP US)

A61P 5/28 (2017.12 - EP US); **A61P 5/30** (2017.12 - EP); **A61P 13/08** (2017.12 - EP); **A61P 17/00** (2017.12 - EP); **A61P 17/08** (2017.12 - EP); **A61P 17/10** (2017.12 - EP); **C07C 39/12** (2013.01 - US); **C07C 39/16** (2013.01 - EP US); **C07C 39/17** (2013.01 - EP); **C07C 39/21** (2013.01 - EP); **C07C 39/367** (2013.01 - EP); **C07C 39/373** (2013.01 - EP); **C07C 69/16** (2013.01 - US); **C07C 69/63** (2013.01 - EP); **C07C 233/18** (2013.01 - EP US); **C07D 205/04** (2013.01 - EP US); **C07D 231/12** (2013.01 - EP US); **C07D 249/08** (2013.01 - EP US); **C07D 263/32** (2013.01 - EP US); **C07D 271/06** (2013.01 - EP US); **C07C 2601/02** (2017.04 - EP); **C07C 2601/04** (2017.04 - EP); **C07C 2601/08** (2017.04 - EP); **C07C 2601/14** (2017.04 - EP)

Citation (search report)

- [X] US 3123615 A 19640303
- See references of WO 2020085373A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3872061 A1 20210901; **EP 3872061 A4 20220727**; **EP 3872061 B1 20231227**; CN 112912363 A 20210604; CN 112912363 B 20220603; JP 2020066633 A 20200430; JP 6700465 B2 20200527; US 11453632 B2 20220927; US 2022009869 A1 20220113; WO 2020085373 A1 20200430

DOCDB simple family (application)

EP 19876611 A 20191023; CN 201980070166 A 20191023; JP 2019041506 W 20191023; JP 2019192724 A 20191023; US 201917288427 A 20191023